

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JG978 U.S. PRO  
10/085322  
02/26/02

In re: Clark

U.S. Serial No. NYA

Filed: February 28, 2002

Examiner: NYA

Group Art Unit: NYA

For: "Use of Aminoglycosides to Treat Genetic Ophthalmic Diseases that are Associated With Premature Termination Mutations"

CERTIFICATE OF MAILING  
BY EXPRESS MAIL

I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail," Mailing Label No. EV 011108065 US in an envelope addressed to: Commissioner for Patents, Box Patent Application, Washington, D.C. 20231 on this date:

February 28, 2002  
Date  
Jeanie Burke  
Jeanie Burke

INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. 1.56

Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. 1.56. Applicant submits the following patents, articles and other information:

U.S. Patent No. 5,830,661, Sarfarazi issued November 3, 1998, for "Diagnosis and Treatment of Glaucoma"

U.S. Patent No. 5,925,748, Stone et al., issued July 20, 1999, for "DNA Diagnostics for Glaucoma"

Adam et al., "Recurrent mutations in a single exon encoding the evolutionarily conserved olfactomedin-homology domain of TIGR in familial open-angle glaucoma," *Human Molecular Genetics*, Vol. 6(12) pp. 2091-2097 (1997)

Alward et al., "Clinical Features Associated with Mutations in the Chromosome 1 Open-Angle Glaucoma Gene (GLCIA)," *New England Journal of Medicine*, Vol. 338(15), pp. 1022-1027 (1998)

Angius et al., "Myocilin Gln368stop Mutation and Advanced Age as Risk Factors for Late-Onset Primary Open-Angle Glaucoma," *Arch Ophthalmology*, Vol. 118, pp. 674-679 (2000)

Barton-Davis et al., "Aminoglycoside antibiotics restore dystrophin function to skeletal muscles of mdx mice," *J. of Clinical Investigation*, Vol. 104(4), pp. 375-381 (1999)

Bedwell et al., "Suppression of a CFTR premature stop mutation in a bronchial epithelial cell line," *Nature Medicine*, Vol. 3(11) pp. 1280-1284 (1997)

Brooks, "Protein processing: a role in the pathophysiology of genetic disease," *FEBS Letters*, Vol. 409, pp. 115-120 (1997)

Carrell et al., "Conformational Disease," *The Lancet*, Vol. 350, pp. 134-138 (1997)

Fingert et al., "Analysis of myocilin mutations in 1703 glaucoma patients from five different populations," *Human Molecular Genetics*, Vol. 8(5), pp. 899-905 (1999)

Howard et al., "Aminoglycoside antibiotics restore CFTR function by overcoming premature stop mutations," *Nature Medicine*, Vol. 2(4), pp. 467-469 (1996)

Jorgensen et al., "Grp78 is Involved in Retention of Mutant Low Density Lipoprotein Receptor Protein in the Endoplasmic Reticulum," *J. of Biological Chemistry*, Vol. 275(43), pp. 33861-33868 (2000)

Kakiuchi et al., "A Novel Truncating Mutation of Cytochrome P4501B1 (CYP1B1) Gene in Primary Infantile Glaucoma," *American J. of Ophthalmology*, Vol. 128 (3), pp. 370-372 (1999)

Mardin et al., "A GLCIA Gene Gln368 Stop Mutation in a Patient with Normal-Tension Open-Angle Glaucoma," *J. of Glaucoma*, Vol. 8(2), pp. 154-156 (1999)

Rubenstein et al., "Use of Protein Repair Therapy in the Treatment of Cystic Fibrosis," *Current Opinion in Pediatrics*, Vol. 10, pp. 250-255 (1998)

Shimizu et al., "Age-dependent Prevalence of Mutations at the GLC1 A Locus in Primary Open-angle Glaucoma," *American J. of Ophthalmology*, Vol. 130(2), pp. 165-167 (2000)

Stone et al., "Identification of a Gene That Causes Primary Open Angle Glaucoma," *Science*, Vol. 275, pp. 668-670 (1997)

Vogel, "Glaucoma Gene Provides Light at the End of the Tunnel," *Science*, Vol. 275, p.621 (1997)

For the convenience of the Examiner, the patents and articles are also listed on PTO Form 1449.

Applicant requests that the listed references be considered during prosecution of this application, and that the references appear among the "References Cited" on any patent issuing herefrom.

Respectfully submitted,

ALCON

Feb. 28, 2002

Date

  
\_\_\_\_\_  
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Registration No. 36,263

R&D Counsel Q-148  
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Fort Worth, Texas 76134  
(817) 551-3066

Attorney Docket No.: 1910

Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office		ATTY. DOCKET NO. 1910		SERIAL NO. NYA		JCS78 U 85322 PRO 10/08/02 02/26/02	
LIST OF DOCUMENTS CITED BY APPLICANT  (Use several sheets if necessary)		APPLICANT Clark					
		FILING DATE February 28, 2002		GROUP NYA			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,830,661	11/03/98	Sarfarazi	435	6	
	AB	5,925,748	07/20/99	Stone et al.	536	23.1	
	AC						
	AD						
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<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES
	AL						
	AM						
	AN						
	AO						
	AP						
<b>OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
	AR	Adam et al., "Recurrent mutations in a single exon encoding the evolutionarily conserved olfactomedin-homology domain of TIGR in familial open-angle glaucoma," <i>Human Molecular Genetics</i> , Vol. 6(12) pp. 2091-2097 (1997)					
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FOREIGN PATENT DOCUMENTS							
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							YES      NO
	BL						
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	BP						
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	BR	Barton-Davis et al., "Aminoglycoside antibiotics restore dystrophin function to skeletal muscles of mdx mice," <i>J. of Clinical Investigation</i> , Vol. 104(4), pp. 375-381 (1999)					
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	CL						
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	CR	Carrell et al., "Conformational Disease," <i>The Lancet</i> , Vol. 350, pp. 134-138 (1997)					
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	DR	Jorgensen et al., "Grp78 is Involved in Retention of Mutant Low Density Lipoprotein Receptor Protein in the Endoplasmic Reticulum," <i>J. of Biological Chemistry</i> , Vol. 275(43), pp. 33861-33868 (2000)					
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							YES      NO
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	FM						
	FN						
	FO						
	FP						
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	FR	Vogel, "Glaucoma Gene Provides Light at the End of the Tunnel," <i>Science</i> , Vol. 275, p.621 (1997)					
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